

ROUTING AND RECORD SHEET

SUBJECT: (Optional)

Proposed FBIS Site, Washington D.C. Area

FROM:

C/FEB/RECD/OL

EXTENSION

NO

OL 13065-85



DATE

28 January 1985

STAT

TO: (Officer designation, room number, and building)

DATE

RECEIVED

FORWARDED

OFFICER'S INITIALS

COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)

1.

C/RECD

1/2/85

Dun

The attached is for a generic building, parking, etc. and in addition to the unknown costs relating to site conditions it also does not include land acquisition costs

2.

3.

C/FBIS
405 Key Building

4.

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5.

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13.

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15.

1 FEB 1985

MEMORANDUM FOR: Chief, Field Engineering Branch, FBIS

FROM:

[Redacted]

STAT

Chief, Field Engineering Branch, RECD/OL

SUBJECT:

Proposed FBIS Site, Washington D.C. Area

1. In response to a telephone request by the above addressee, a cost estimate and sketches for a small FBIS facility to be located in the general Washington D.C. area are enclosed.

2. Please note that the sketches are entirely conceptual, since specific personnel and equipment requirements are necessary for an accurate preliminary design.

3. The cost estimate of \$340,000 is for budgetary use only and does not include any costs for antenna fields, foundations, or cable runs. The site costs are approximations only and can be expected to vary widely due to their dependence upon soil conditions, physical security requirements and particularly the relative location of the site to roads, water, sewer lines and electrical power.

4. If further information is required please contact

[Redacted]

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[Redacted]

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[Redacted]

Attachment



OL 13065-85

CDS: ESTIMATE FOR FBIS SI E

1/18/85

1 of 2

Ref. Building Construction Cost Data 1984, By Means,
42nd Edition, Sections 2.6 and 17.1

Basic Cost of Bldg.:

$$\text{Operations} = 24' \times 40' \times \$129/\text{ft}^2 = \$123,840.00 =$$

(Use SF costs for Telephone Exchange)

$$\text{Administration} = 28' \times 40' \times \$69.70/\text{ft}^2 = \$78,064.00$$

(Use SF costs for Low Rise offices)

$$\text{Subtotal} = \$201,904.00$$

$$\$201,904$$

Parking Areas:

$$\text{Paved area} = 66' \times 54' + 12' \times 96.25' = 4719 \text{ ft}^2$$

$$= 524.33 \text{ yd}^2$$

$$\text{Base Course} = 524.33 \text{ yd}^2 \times \$2.37/\text{yd}^2 = \$1242.66$$

(6" deep crushed stone)

$$\text{Bituminous Paving} = 524.33 \text{ yd}^2 \times \$5.85/\text{yd}^2 = \$3067.33$$

(3" thick)

$$\text{Parking Barriers} = 11 \times \$23 = \$253.00$$

(Precast concrete)

$$\text{Subtotal} = \$4562.99$$

$$\$4,563$$

Sidewalks + Concrete Pads:

$$\text{Sidewalk area} = 4.0' \times 54.0' + 9.5' \times 8.0' \times 2 + 23.5' \times 8.0'$$

$$= 556.0 \text{ ft}^2$$

$$\text{Concrete Sidewalk} = 556.0 \text{ ft}^2 \times \$1.88/\text{ft}^2 = \$1045.28$$

(Cast-in-place 4" thick)

$$\text{Concrete Pads} = (30 \text{ ft}^2 + 24 \text{ ft}^2) \times \$1.88/\text{ft}^2 = \$101.52$$

(Assumed sizes - A/C condensor + Transformer)

$$\text{Subtotal} = \$1146.80$$

$$\$1,147$$

$$\text{Total} = \$207,144$$

2 of 2

Total from previous sheet = \$ 207,614

Utilities & Site Work = \$ 207,614 $\times$ 0.20 = \$ 41,523
(Use 20%)

Subtotal = \$ 249,137 \$ 249,137

Preliminary Design & Site Survey = \$ 249,137 $\times$ 0.06 = \$ 14,948
(Use 6%)

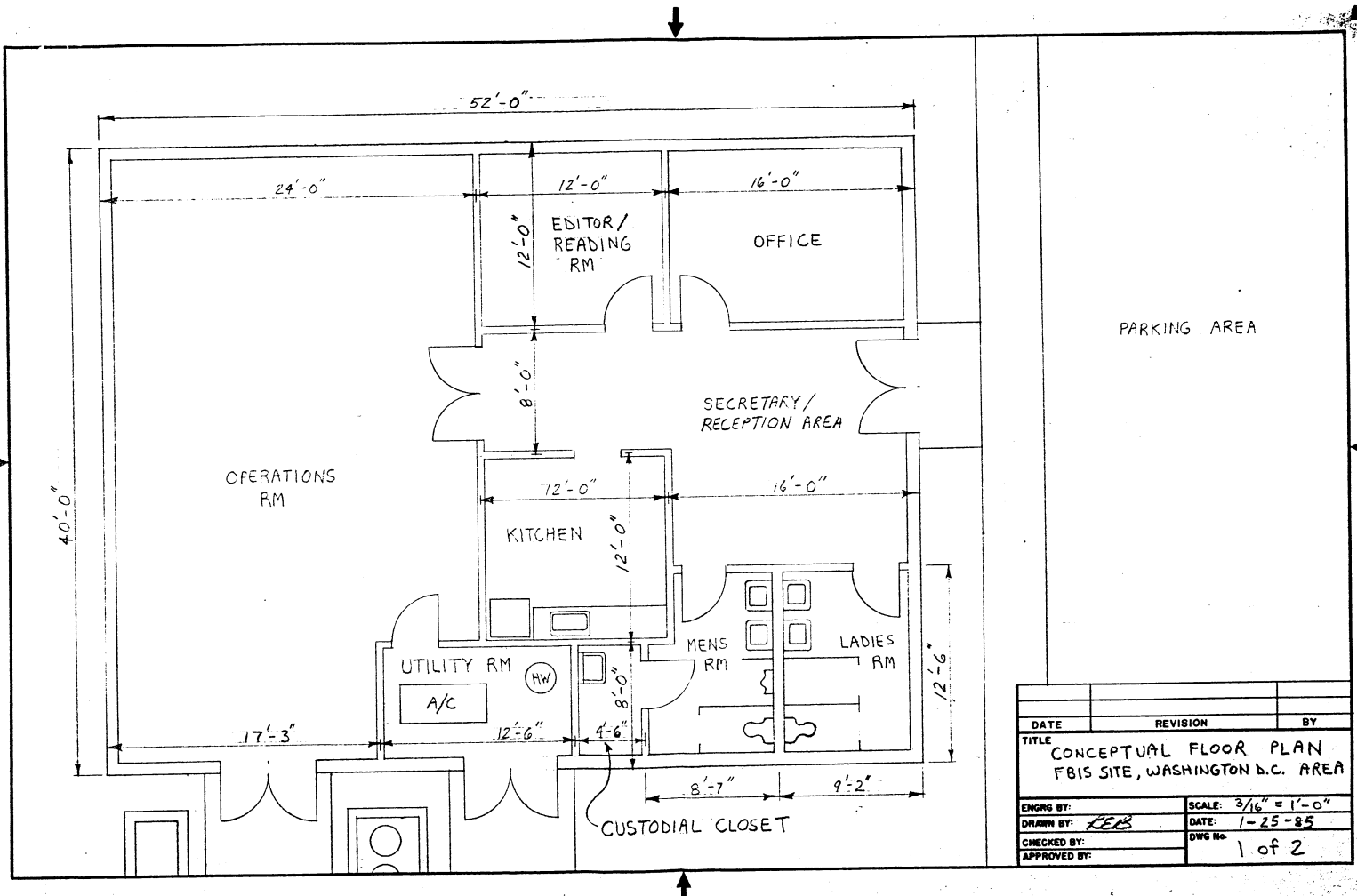
Design = \$ 249,137 $\times$ 0.06 = \$ 14,948
(Use 6%)

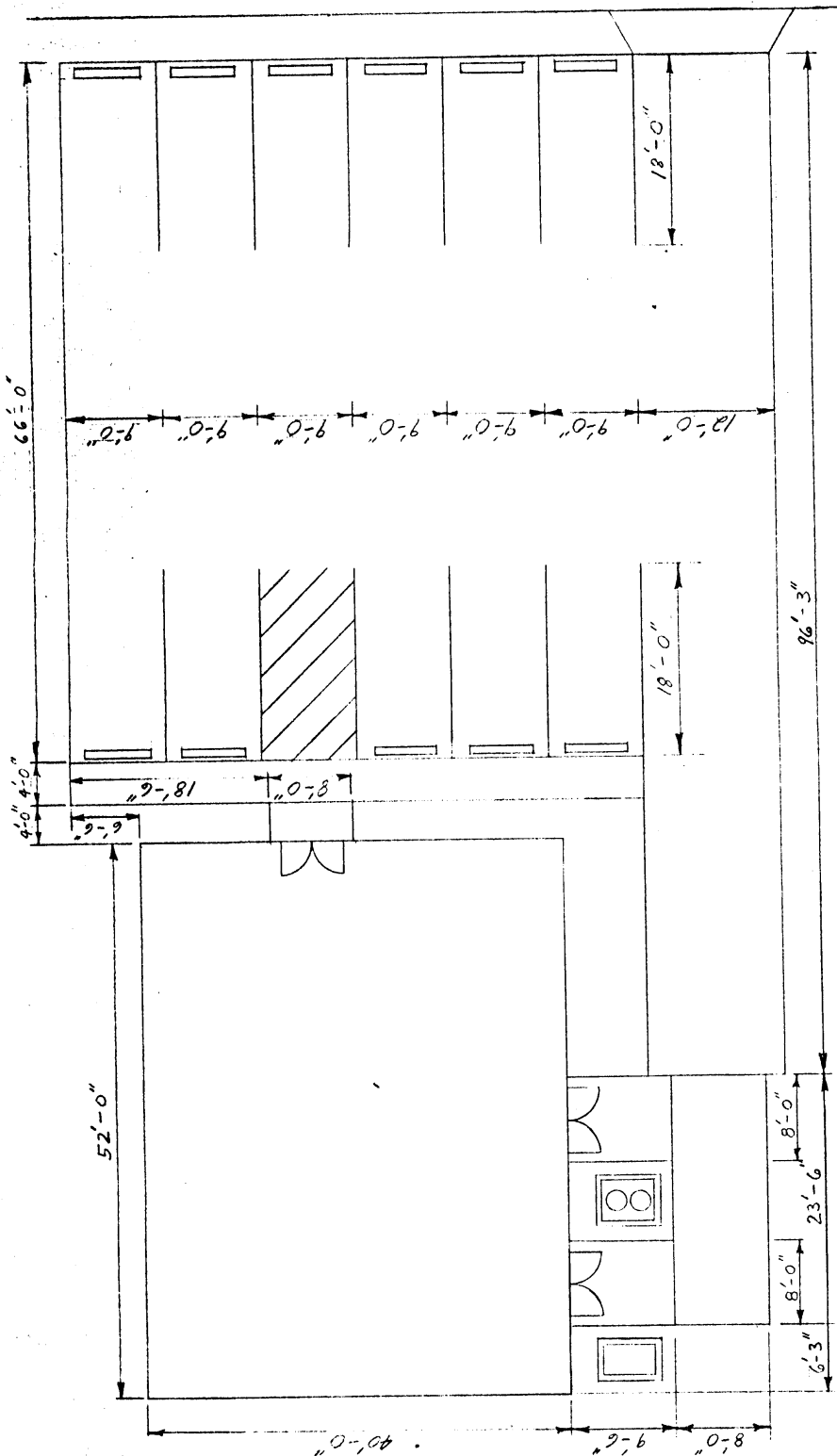
Construction Management/Inspection = \$ 249,137 $\times$ 0.05 = \$ 12,457
(Use 5%)

Contingency = \$ 249,137 $\times$ 0.18 = \$ 44,845
(Use 18%)

TOTAL = \$ 336,335

USE \$ 340,000 AS THE COST ESTIMATE





DATE	REVISION	BY
TITLE		
CONCEPTUAL PARKING PLAN		
FBIS SITE, WASHINGTON D.C. AREA		
ENGINE BY:	SCALE: 3/32" = 1'-0"	
DRAWN BY: XEB	DATE: 1-25-85	
CHECKED BY:	DWG No:	
APPROVED BY:		2 of 2